

Weight Carts

Description

The graphs on the following page are for the total number of weight cart mass standards tested by the 45 reporting laboratories. The map graph gives a geographical distribution of these standards. The darker the shading indicates more devices being tested. There are pie graphs located on the map for each individual lab and a larger pie graph that reflects the totals. The pie graphs provide a breakdown into the customer categories of Lab, W&M, and External. The bar graph at the bottom of the page shows the same breakdown in categories along with the total number of devices tested above each laboratory. There is also a smaller line graph that reflects the totals from the 1999 and 2001 surveys.

Lab – work done for the internal use of the metrology laboratory.

W&M – work done for the weights and measures program.

Commercial – work done for licensed commercial scale companies.

Other – work done for customers who do not fall into any of the above categories.

Findings

The 45 reporting laboratories tested a total of 344 weight cart mass standards.

Comparison of the 2001 Survey and 1999 Survey

	# Reporting Labs	Total Devices	Lab Average
1999	46	297	6.5
2001	45	344	7.6

Using the lab averages:

1999 to 2001 -- A increase of 17%

Notes and Comments

0% of all weight cart standards were calibrated for the internal use of the laboratory.

39% of all weight cart standards were calibrated for the weights and measures program.

58% of all weight cart standards were calibrated for commercial scale companies.

3% of all weight cart standards were calibrated for other customers.